A2575-1
10/24/88

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 69 For Week Ended October 14, 1988 NO. 41

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/14/88	Last Week Ending: 10/07/88	Last Year Week Ending: 10/16/87	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,341	13,319	12,985	22	356
Operable capacity	15,922	15,917	15,697	5	225
Percent operated	83.8	83.7	82.7		
Motor Gasoline					
Total motor gasoline production	6,955	6,972	6,657	-17	298
Finished leaded motor gasoline production	1,193	1,202	1,503	-9	-310
Finished unleaded motor gasoline production	5,762	5,770	5,154	-8	608
Total motor gasoline stocks	220,062	220,316	223,173	-254	-3,111
Finished leaded motor gasoline stocks	40,567	40,820	52,669	-253	-12,102
Finished unleaded motor gasoline stocks	140,585	140,954	130,851	-369	9,734
Jet Fuel Kerosine					
Jet fuel kerosine production	1,131	1,146	1,169	-15	-38
Jet fuel kerosine stocks	40,584	41,703	42,170	-1,119	-1,586
Distillate Fuel Oil					
Distillate fuel oil production	2,831	2,864	2,812	-33	19
Distillate fuel oil stocks	130,116	130,123	126,116	-7	4,000
Residual Fuel Oil					
Residual fuel oil production	904	874	878	30	26
Residual fuel oil stocks	44,638	44,020	45,320	618	-682
Imports					
Crude oil imports	5,180	5,215	4,557	-35	623
Product imports	2,438	2,006	1,335	432	1,103
Crude Oil Stocks					
Crude oil stocks	327,142	324,087	333,606	3,055	-6,464
Crude Supply Balance	622				

*See definitions on page 6.

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FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 69 For Week Ended October 14, 1988 NO. 41

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,488*	1,214	1,221	1,380	88.5
Appal. No. 1	110	104	104	107	97.2
DISTRICT 1 TOTAL	1,598*	1,318	1,325	1,487	89.1
Ind., Ill., Ky.	1,873	1,826	1,842	2,254	81.7
Minn., Wisc., Daks.	320	312	314	312	100.6
Okla., Kans., Mo.	748	681	691	718	96.2
DISTRICT 2 TOTAL	2,941	2,819	2,847	3,284	86.7
Inland Texas	530	498	505	569	88.8
Texas Gulf Coast	3,397	3,064	3,074	3,580	85.9
La. Gulf Coast	2,473	2,319	2,351	2,908	80.8
N. La. and Ark.	205	189	191	252	75.8
New Mexico	85	71	72	76	94.7
DISTRICT 3 TOTAL	6,690	6,141	6,193	7,385	83.9
DISTRICT 4 TOTAL	440	417	421	535	78.7
DISTRICT 5 TOTAL	2,618*	2,518	2,555*	3,231	79.1*
TOTAL U.S.	14,287	13,213	13,341	15,922	83.8
TOTAL U.S. Weeks Ended:					
OCT. 7, 1988	14,367*	13,146	13,319*	15,917	83.7*
OCT. 16, 1987	14,011	12,861	12,985	15,697	82.7
DISTRICTS 1-4 Weeks Ended:					
OCT. 14, 1988	11,669	10,695	10,786	12,691	85.0
OCT. 7, 1988	11,829*	10,642	10,776	12,686	84.9
OCT. 16, 1987	11,455	10,400	10,524	12,438	84.6

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN

Week Ended October 14, 1988

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	755*	101	654*	18	89	295*	133
Appal. No. 1	38	5	33	--	--	33	3
DISTRICT 1 TOTAL	793*	106	687*	18	89	328*	136
Ind., Ill., Ky.	1,044	110	934	7	88	432	55
Minn., Wisc., Daks.	167	37	130	2	17	72	8
Okla., Kans., Mo.	385	126	259	9	45	167	9
DISTRICT 2 TOTAL	1,596	273	1,323	18	150	671	72
Inland Texas	283	49	234	18	28	117	19
Texas Gulf Coast	1,606	144	1,462	35	269	631	209
La. Gulf Coast	1,144	178	966	26	281*	495	101
N. La. and Ark.	56	5	51	8	4	49	8
New Mexico	48	14	34	5	2	16	--
DISTRICT 3 TOTAL	3,137	390	2,747	92	584*	1,308	337
DISTRICT 4 TOTAL	212	70	142	17	23	101	11
DISTRICT 5 TOTAL	1,217	354	863	67	285*	423*	348
TOTAL U.S.	6,955	1,193	5,762	212	1,131	2,831	904
TOTAL U.S. Weeks Ended:							
OCT. 7, 1988	6,972*	1,202	5,770*	198	1,146*	2,864*	874
OCT. 16, 1987	6,657	1,503	5,154	232	1,169	2,812	878
DISTRICTS 1-4 Weeks Ended:							
OCT. 14, 1988	5,738	839	4,899	145	846	2,408	556
OCT. 7, 1988	5,823*	972	4,851*	146	873*	2,399*	573
OCT. 16, 1987	5,547	1,189	4,358	195	857	2,392	491

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,087	471	3,615	1	110	467	8,687	1,080	--
Central Atlantic	27,524*	3,793	18,526*	5,205	399	4,754	33,394*	14,770*	11,077*
Lower Atlantic	29,822	5,088	24,420	314	465	5,066	14,899	3,394	503
DISTRICT 1 TOTAL	61,433*	9,352	46,561*	5,520	974	10,287	56,980*	19,244*	11,580*
DISTRICT 2 TOTAL	59,926	12,777	39,478	7,671	998	8,163	29,037*	2,974	15,719
DISTRICT 3 TOTAL	61,064	9,776	35,658	15,630	2,376	14,522*	28,928	13,061	49,919
DISTRICT 4 TOTAL	6,087	1,824	2,574	1,689	363	881	2,661	594	1,984
DISTRICT 5 TOTAL	31,552*	6,838	16,314	8,400*	1,778*	6,731	12,510*	8,765	28,489
TOTAL U.S.	220,062	40,567	140,585	38,910	6,489	40,584	130,116	44,638	107,691
TOTAL U.S. Weeks Ended:									
OCT. 7, 1988	220,316*	40,820	140,954*	38,542*	6,158*	41,703*	130,123*	44,020*	108,051*
OCT. 16, 1987	223,173	52,669	130,851	39,653	6,847	42,170	126,116	45,320	100,984
DISTRICTS 1-4 Weeks Ended:									
OCT. 14, 1988	188,510	33,729	124,271	30,510	4,711	33,853	117,606	35,873	79,202
OCT. 7, 1988	190,076*	34,732	124,973*	30,371	4,664	34,363*	117,225*	35,619*	79,190*
OCT. 16, 1987	193,670	45,129	116,775	31,766	5,243	35,951	114,564	36,147	76,154

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

WEEKLY STATISTICAL BULLETIN
Week Ended October 14, 1988

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy May 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
OCT. 14, 1988	4,951.0	5,106.0	5,125	583	247,162
OCT. 7, 1988	4,846.0*	--	4,867*	689*	244,925*
SEP. 30, 1988	4,846.0*	--	5,519	614	244,824
SEP. 23, 1988	4,846.0*	--	4,340	623	241,061
DISTRICT 5 TOTAL					
OCT. 14, 1988	3,092.0	3,094.0	55	--	79,980 #
OCT. 7, 1988	3,092.0*	--	348	15	79,162*
SEP. 30, 1988	3,092.0*	--	144	3	79,423
SEP. 23, 1988	3,092.0*	--	324	7	77,766
TOTAL U.S.					
OCT. 14, 1988	8,043.0	8,200.0	5,180	583	327,142 #
OCT. 7, 1988	7,938.0*	--	5,215*	704*	324,087*
SEP. 30, 1988	7,938.0*	--	5,663	617	324,247
SEP. 23, 1988	7,938.0*	--	4,664	630	318,827
OCT. 16, 1987	8,364.0 a/	--	4,557	679	333,606

#INCLUDES 23,049 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. *

a/ DOE actual for October 1987.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1987 Averages Absolute	1987 Averages Positive	1987 Averages Negative
OCT. 14, 1988	622	468	550	-334

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
OCT. 14, 1988	16,263	64,396	154,782	11,721	247,162	79,980 #	327,142 #
OCT. 7, 1988	14,965*	63,082	154,978	11,900	244,925*	79,162*	324,087*
OCT. 16, 1987	16,688	69,292	159,428	12,253	257,661	75,945	333,606

[1]See definitional notes, Page 6

* See Revisions on Page 8.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Loaded	Motor Gasoline: Finished Unloaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	--	--	--	--	--	--	94*	--	5	--	--	99*
Central Atlantic	307	--	307	66	--	46	239	434	13	40	107	1,252
Lower Atlantic	224	--	224	--	--	--	64	49*	--	--	40	377*
DISTRICT 1 TOTAL												
OCT. 14, 1988	531	--	531	66	--	46	397	483	18	40	147	1,728
OCT. 7, 1988	360	--	360	76	--	46	268*	471*	11	101	92	1,425*
SEP. 30, 1988	307	17	290	47	--	36	224	381	17	111	85	1,208
SEP. 23, 1988	302	--	302	127	--	42	246	626	20	138	102	1,603
DISTRICTS 2-4 TOTAL												
OCT. 14, 1988	11	--	11	6	3	24	18	45	251	168	120	646
OCT. 7, 1988	7	--	7	4	3	10	14	38	73	283	97*	529*
SEP. 30, 1988	7	--	7	4	3	17	16	65	181	221	184	698
SEP. 23, 1988	7	--	7	6	4	8	11	59	171	179	9	454
DISTRICT 5 TOTAL												
OCT. 14, 1988	39	--	39	--	--	3	4	5	13	--	--	64
OCT. 7, 1988	26	--	26	--	--	2	3	6	13	2	--	52
SEP. 30, 1988	29	--	29	--	--	3	4	5	11	3	--	55
SEP. 23, 1988	26	--	26	--	--	2	3	6	11	3	--	51
TOTAL U.S.	581	--	581	72	3	73	419	533	282	208	267	2,438
TOTAL U.S. Weeks Ended:												
OCT. 7, 1988	393	--	393	80	3	58	285*	515*	97	386	189*	2,006*
SEP. 30, 1988	343	17	326	51	3	56	244	451	209	335	269	1,961
SEP. 23, 1988	335	--	335	133	4	52	260	691	202	320	111	2,108
OCT. 16, 1987	104	8	96	26	3	3	209	385	254	162	189	1,335

[1]Total motor gasoline imports is equal to the sum of finished loaded imports and finished unleaded imports.

[2]Gasoline blending components are not included in total motor gasoline imports.

[3]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Buletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	SEPTEMBER 1988	AUGUST 1988[E/]	MAY 1988
Florida	22.0	21.0	22.0
New York-Pennsylvania	9.0	9.0	10.0
Virginia	0.0	0.0	0.0
West Virginia	7.0	6.0	7.0
Illinois	64.0	64.0	64.0
Indiana	10.0	10.0	12.0
Kansas	161.0	161.0	158.0
Kentucky	14.0	14.0	15.0
Michigan	64.0	64.0	64.0
Missouri-Tennessee	2.0	2.0	2.0
Nebraska	16.0	16.0	16.0
Ohio	29.0	29.0	29.0
Oklahoma	351.0	352.0	362.0
North Dakota	108.0	108.0	110.0
South Dakota	4.0	4.0	5.0
Alabama	54.0	55.0	52.0
Arkansas	37.0	36.0	38.0
Mississippi	73.0	73.0	74.0
New Mexico-So. East	176.0	173.0	171.0
New Mexico-Other	19.0	17.0	19.0
North Louisiana	61.0	61.0	63.0
South Louisiana	984.0	1,119.0	1,153.0
Total Louisiana	1,045.0	1,180.0	1,216.0
Texas			
District 1	55.0	56.0	58.0
District 2	66.0	67.0	69.0
District 3	236.0	246.0	251.0
District 4	60.0	64.0	67.0
District 5	35.0	35.0	36.0
District 6, East Texas	111.0	110.0	112.0
Other	87.0	88.0	87.0
District 7-B	84.0	84.0	86.0
District 7-C	87.0	87.0	89.0
District 8 and 8-A	1,078.0	1,089.0	1,110.0
District 9	84.0	84.0	84.0
District 10	42.0	42.0	42.0
Total Texas	2,025.0	2,052.0	2,091.0
Colorado	84.0	84.0	91.0
Montana	62.0	62.0	65.0
Utah	93.0	93.0	96.0
Wyoming	317.0	316.0	317.0
Total Districts 1-4	4,846.0	5,001.0	5,106.0
Alaska	2,018.0	2,013.0	2,016.0
Arizona	0.0	0.0	0.0
California	1,066.0	1,066.0	1,069.0
Nevada	8.0	8.0	9.0
Total District 5	3,092.0	3,087.0	3,094.0
TOTAL U.S.	7,938.0	8,088.0[E/]	8,200.0

[E/] Revised; Data currently displayed are based on reported volumes from 37 producing companies. These volumes are estimated to represent 56.1% of lower 48 states production. When combined with reported Alaskan data, the sample represents 67.0% of total U.S. production in August.

API STATISTICAL BULLETIN
WEEK ENDED: OCT. 14, 1988

REVISIONS

10/07/88	PAGE 1	TOTAL REFINERY INPUT	EAST COAST	1,488
			DISTRICT 1 TOTAL	1,588
			DISTRICT 5 TOTAL	2,538
			TOTAL U.S.	14,367
			DISTRICTS 1-4	11,829
		INPUT TO CRUDE OIL	DISTRICT 5 TOTAL	2,543
			TOTAL U.S.	13,319
		% OPERABLE	DISTRICT 5 TOTAL	78.7
			TOTAL U.S.	83.7
	PAGE 2	TOTAL MGAS	EAST COAST	695
			DISTRICT 1 TOTAL	735
			TOTAL U.S.	6,972
			DISTRICTS 1-4	5,823
		UNLEADED MGAS	EAST COAST	630
			DISTRICT 1 TOTAL	664
			TOTAL U.S.	5,770
			DISTRICTS 1-4	4,851
		KEROSINE JET	LA. GULF COAST	256
			DISTRICT 3 TOTAL	592
			DISTRICT 5 TOTAL	273
			TOTAL U.S.	1,146
			DISTRICTS 1-4	873
		DISTILLATE FUEL	EAST COAST	330
			DISTRICT 1 TOTAL	363
			DISTRICT 5 TOTAL	465
			TOTAL U.S.	2,864
			DISTRICTS 1-4	2,399
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	27,647
			DISTRICT 1 TOTAL	61,411
			DISTRICT 5 TOTAL	30,240
			TOTAL U.S.	220,316
			DISTRICTS 1-4	190,076
		UNLEADED MGAS	CENTRAL ATLANTIC	19,047
			DISTRICT 1 TOTAL	46,512
			TOTAL U.S.	140,954
			DISTRICTS 1-4	124,973
		BLENDING COMPS	DISTRICT 5 TOTAL	8,171
			TOTAL U.S.	38,542
		NAPHTHA JET	DISTRICT 5 TOTAL	1,494
			TOTAL U.S.	6,158
		KEROSINE JET	DISTRICT 3 TOTAL	14,642
			TOTAL U.S.	41,703
			DISTRICTS 1-4	34,363
		DISTILLATE FUEL	CENTRAL ATLANTIC	32,060
			DISTRICT 1 TOTAL	54,834

API STATISTICAL BULLETIN
WEEK ENDED: OCT. 14, 1988

REVISIONS

		DISTRICT 2 TOTAL	30,441
		DISTRICT 5 TOTAL	12,898
		TOTAL U.S.	130,123
		DISTRICTS 1-4	117,225
	RESIDUAL FUEL	CENTRAL ATLANTIC	13,975
		DISTRICT 1 TOTAL	18,999
		TOTAL U.S.	44,020
		DISTRICTS 1-4	35,619
	UNFINISHED OILS	CENTRAL ATLANTIC	11,298
		DISTRICT 1 TOTAL	11,764
		TOTAL U.S.	108,051
		DISTRICTS 1-4	79,190
PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,867
		TOTAL U.S.	5,215
	CANADIAN CRUDE OIL	DISTRICTS 1-4 TOTAL	689
		TOTAL U.S.	704
	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	244,925
		DISTRICT 5 TOTAL	79,162
		TOTAL U.S.	324,087
	ALASKAN CRUDE OIL	DISTRICT 5 TOTAL	22,950
PAGE 4 B	TOTAL	PAD DISTRICT 1	14,965
		TOTAL PAD DISTRICTS 1-4	244,925
		PAD DISTRICT 5	79,162
		TOTAL U.S.	324,087
PAGE 5	DISTILLATE (INC. NO. 4)	NEW ENGLAND	34
		DISTRICT 1 TOTAL	268
		TOTAL U.S.	285
	RESIDUAL FUEL	LOWER ATLANTIC	95
		DISTRICT 1 TOTAL	471
		TOTAL U.S.	515
	OTHER	DISTRICTS 2-4 TOTAL	97
		TOTAL U.S.	189
	TOTAL	NEW ENGLAND	46
		LOWER ATLANTIC	183
		DISTRICT 1 TOTAL	1,425
		DISTRICTS 2-4 TOTAL	529
		TOTAL U.S.	2,006